**Protein Expression Service Application Form**

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| **Protein Information** |
| Protein Name |  |
| Uniprot ID | - |
| Species |  |
| Molecular Weight  |  |
| Protein sequence |  |
| Subcellular Location | □ Nucleus □Membrane □Secreted □Cytoplasm □Other |
| Protein property | □Enzyme □Protease □Toxic □Prone to aggregation□Prone to degradation □Insoluble □Others |
| Intended Use | □Activity Study □Structural research □Antigen□Drug Screening □Cell-based experiment □In vitro experiment □In vivo experiment □Others |
| **Expression and Purification requirement** |
| Gene Information | □Gene synthesis (□ Yes □No codon optimized)□Customer provides expression plasmid□Others |
| Plasmid Information | Vector:Size:Cloning site:Antibiotics:Tag selection: □His □GST □SUMO □Trx □Others□ N端 □ C端 □Others |
| Expression system | □E. coli □293 cell □Others |
| Tag removal | □Yes □No |
| Refolding | □Yes □No |
| Protein require | □Amount (mg): (□Standard Package 3~5 mg)□Concentration:□Purity (%): (□ >85%) |
| Special require | □Endotoxin level (EU/μg):□Other- N/A |
| Final form | □Liquid (Sterile filtration: □ Yes-protein sample may loss due to sterile filtration or □No )□Lyophilization□PBS (pH7.4)□Other: |
| Others |  |
| **If you have experience in expressing your target protein, please provide the following information and also provide SDS-PAGE /Western Blot evidence:** |
| E. coli system: |
| Is the protein an inclusion body in E.coli system? | □Yes□No |
| Refresh Ratio/temperature |  |
| Induction initial OD |  |
| IPTG concentration |  |
| Induction temperature/time |  |
| Purification | □Column:□Buffer:□Denature agent and protocol:□Imidazole concentration in wash/elute buffer: Other problems (degraded product?):  |
| Dialysis | □Buffer base/addictive agent (GE: Vivaspin 6, 50kDa MWCO)□Other problems |
| Others |  |